BONAIRE®

The leaders in heating and cooling

Air Conditioning Product Range

Featuring the all-new Bonaire Summer Breeze

Industry leading 6 year warranty* on Bonaire Integra

Printed on recycled paper

*Conditions apply

AUSTRALIAN OWNED

Welcome to Bonaire

As Australia's leading heating and cooling brand, Bonaire has been providing homes with state-of-the-art, efficient heating and cooling systems for over 60 years. Using proven technology we create intelligent, user friendly systems that maximise energy efficiency and reduce operating costs. We constantly strive to ensure that the Bonaire name is synonymous with quality and innovation and this is what continues to drive the company today.

The Bonaire mission

Our mission is to deliver the most advanced range of heating and cooling solutions to fit today's modern lifestyles.

Bonaire specialists

For added peace of mind, we recommend you have your new Bonaire system installed by one of our authorised Bonaire specialists, who have been trained to ensure your Bonaire cooler is installed to the highest standards.

Bonaire quality

At Bonaire, we place enormous importance on continually improving design, engineering and manufacturing processes and every one of our products is manufactured to the highest possible standards using premium quality materials. All Bonaire units are quality tested before they leave our factory, and are supported by a carefully selected dealer network that is committed to customer satisfaction.

We are proud that Bonaire is Australian-owned with world-class manufacturing facilities in Adelaide, SA and Leeton, NSW being the foundation of the business.

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Quality Endorsed Company ISO 9001

Bonaire is a Quality Endorsed Company and all products are Australian owned. In addition, all products made and engineered by Bonaire are backed by Climate Technologies National Service Division, a wholly Australian owned company.

AUSTRALIAN OWNED

The year round choice

Bonaire lets you enjoy complete heating and cooling comfort all year round at the touch of a button. Bonaire's Ducted Evaporative Cooling can be combined with Bonaire 3, 4 or 5 Star Gas Ducted Central Heating using just one controller. You have the choice of installing Bonaire heating at the same time as your Bonaire cooling, or simply add it at a later date.

Ask your dealer for a Bonaire Gas Heating Product Brochure.

This winter, stay warm as.

A few points to consider

Whether you're building a new home, renovating your existing home or simply need a new cooling or heating system, it pays to spend some time thinking about what will work best for you, before you make your decision.

Building a new home

If you're building a new home, it makes sense to ensure you incorporate central heating and cooling planning from the outset. Make sure you consider:

- Bonaire can provide your total heating and cooling solutions from the design stage onwards
- Running costs are lower with evaporative cooling
- Energy-efficient homes should consider an evaporative cooling option
- Lifestyle choice of indoor, outdoor living with evaporative cooling
- Environmental option of evaporative cooling

Renovating your home

Before you install a new system, make sure you consider:

- If you have an existing system, make sure your ducts can handle your future needs, as they may need to be upgraded
- Whether you need upgrading from a room air conditioner to Bonaire's whole-of-home ducted cooling

Choosing the right cooling system for your home

There's nothing quite like walking into the cool surrounds of your home and escaping the blistering summer heat outside. When you consider that cooling accounts for a large proportion of your household's energy costs over summer, it's so important to select the right cooling methods for your home. The wrong choice can prove not only costly, but uncomfortable too.

Making your cooling decision

The most important choice you have to make is whether you need to cool separate rooms or your whole home.

Room cooling

If you only need to cool individual rooms in your home, then a refrigerated high wall split system is the way to go.

Bonaire also offers a low cost and easy to install window-mounted fresh air room evaporative cooler – the Bonaire Durango Evaporative Cooler.

Whole-of-home cooling

When it comes to cooling your whole home, you have the choice of two main systems: ducted evaporative air conditioning and ducted refrigerated systems.

Ducted evaporative air conditioning uses fresh air to cool all rooms of your home at the same time. Fresh air is drawn from outside your home through the water moistened filters, which cools and cleans the air. The cool, fresh air is then circulated through the ducts, forcing stale air out through open windows and doors. This natural cooling process has low installation, low running costs, low noise, low greenhouse emissions, and is ideal for asthma and hay fever sufferers. All rooms in your home are cooled at the same time, and the fact that doors and windows remain open is ideal for today's indoor/outdoor lifestyle.

Ducted refrigerated systems work on the same principal as split room systems. Traditionally you'll find these work on a day/night zone system which allows you to cool the living areas of your home during the day and cool the sleeping areas at night. To maximise the efficiency and effectiveness of the Bonaire ducted refrigeration system, doors and windows need to remain closed.

Some important questions

- In a long hot summer, will I be comfortable just cooling one or two rooms?
- Do I want the comfort of having every room cooled?
- Should the purchase price be my biggest consideration?
- Do I need cooling all day or for short periods of time?
- Should I think about running costs?
- Will noise bother me or my neighbours?
- Does anyone in my house suffer from asthma or hay fever?

Quick Reference Guide

Room Cooling	Bonaire Units
• Specific for cooling one room in your home • Multiple units can be installed each with individual indoor and outdoor units	• Bonaire Durango Evaporative Window Air Conditioner (refer to page 17) • Bonaire Inverter High Wall Split System Air Conditioning (refer to page 14)

Whole of Home Cooling	Bonaire Units
• Cool your whole home • One unit with multiple outlets • Zoning facility to cool areas that you need (applicable for Reverse Cycle and Dual Cycle)	• Bonaire Evaporative Air Conditioning System (refer to page 6) • Bonaire Inverter Reverse Cycle Air Conditioning (refer to page 12) • Bonaire Inverter Dual Cycle Refrigerated Air Conditioning (refer to page 16)

Saves water

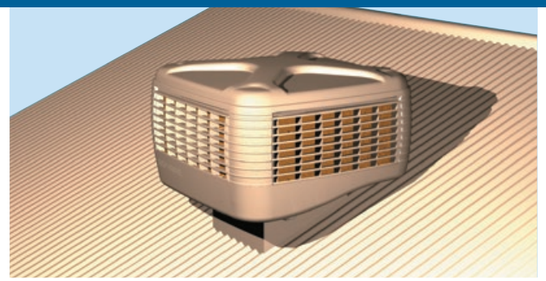
Saves on running costs

Saves the environment

Cools your whole home

Bonaire Evaporative Air Conditioning

An evaporative air conditioning system is the most cost-effective and quietest way to cool your home. For over 50 years Bonaire has provided Australians with innovative, efficient evaporative cooling systems. Today we continue to draw on the latest technology to create intelligent, environmentally and user-friendly cooling systems that maximise energy efficiency and cost-effectiveness.



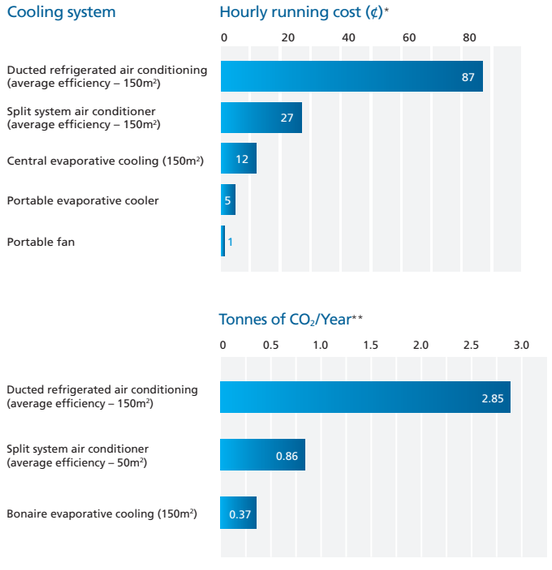
The low profile Bonaire Integra

Evaporative air conditioning

When it comes to the most efficient and economical way to cool your whole home, you can't go past evaporative cooling. Economical to install and run, it is the most cost-effective and quiet way to stay cool this summer.

Reduce your energy bills

A Bonaire Ducted Evaporative System is the most efficient way to cool your whole home. The graph below shows that cooling your whole home with a Bonaire evaporative cooler is up to 87%* cheaper than a comparable ducted refrigerated system.



Why choose Bonaire Evaporative Cooling?

- **Low running costs. Cool your whole home up to 87% cheaper than other air conditioners.* This means reduced electricity bills**
- **Envirowing™ Fan – maximises efficiency**
- **Patented Hushdrive™ motor technology for quiet operation**
- **Aquamiser™ system – minimises water usage**
- **Environmentally friendly, producing less than 15% of the CO_2 greenhouse gases produced by a standard ducted reverse cycle system** (refer to the graph below)**
- Australian made and owned
- Built for Australia's harsh environment
- Pioneers in evaporative cooling in Australia
- Models to suit any home size or budget
- Sturdy, durable, injection-moulded cabinets
- Smart stylish low profile design
- Easy installation
- Large CELdek® pads, unlike some competitor units, for maximum cooling efficiency
- All four CELdek® pads are equal in size for optimum cooling
- Circulates fresh, clean, naturally-cooled air throughout your home – doors and windows are left open
- Filtered air is soft and gentle on nose, eyes, and skin. Ideal for asthma and hayfever sufferers
- More cost-effective to install and run than comparable ducted refrigerated units
- Helps eliminate smoke and cooking odours
- Indoor plants thrive on fresh air cooling
- Unique 'Bonres®' Unit Selection System
- Adds value to your home
- Extensive warranty on all models***

*SEAV, 'Operating costs of electrical appliances' Nov 2002.
**SEAV Victoria "Choosing a cooling system" Nov 2002.
***Subject to a maintenance service call in the third year.

Naturally cooled, evaporative air conditioners circulate fresh air throughout your entire home. Hot, stale air is forced out.

Bonaire Evaporative Cooling is the environmentally friendly cooling option.

Bonaire conserves water and helps the environment

As water conservation is a priority for Australians, Bonaire have a number of water saving technologies that will ensure water usage is kept as low as possible.

New Bonaire Aquamiser™ Water Conservation System#

This clever and reliable device is designed to automatically minimise the water usage of the evaporative air conditioner, while still ensuring that the system has the correct amount of fresh water to guarantee efficient and effective operation.

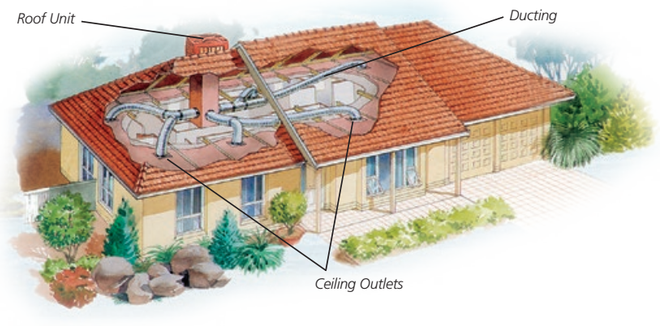
Helps save the environment

If you're concerned about the environment, choose a Bonaire Evaporative Cooling System. Our evaporative whole-of-home system produces less than 15% of the CO_2 greenhouse gases produced by a comparable ducted reverse cycle refrigerated system.**

Evaporative air conditioning produces less 'black balloons' of greenhouse gas than whole-of-home refrigerated systems (ref: saveenergy.vic.gov.au Feb 2009).

Bonres® Selection System

To ensure that the correct unit is installed in your home, we designed Bonaire's unique Bonres® sizing system. The Bonres® Computerised Unit Selection System takes into account all parameters such as wall construction, insulation, glass areas, room sizes and house orientation. (e.g. north, south, east, west and the climatic conditions of the area in which you live). By using this system your Bonaire Dealer can recommend the perfect Bonaire unit to suit your home.



The Bonaire Evaporative cooler works best with doors and windows open, which is perfect for todays modern lifestyle.

#Compared to a conventional ducted evaporative air conditioning system with manual bleed. Actual water saving depends on geographical location and unit size.

Bonaire Evaporative Air Conditioning

Bonaire has been manufacturing evaporative coolers with state-of-the-art components and technology for over 50 years. To guarantee your total comfort, all units have been designed by our specialised R & D team to ensure they suit Australian conditions.

Setting a benchmark in quietness
For the quietest way to stay cool this summer, choose a Bonaire Evaporative Cooling System. Bonaire's direct drive cooling fan is low noise, and its effective design is extremely efficient.

Advanced engineering
Advanced engineering design has seen the Bonaire Evaporative Air Conditioning Systems at the leading edge of cooling efficiency. Together, the unique motor and fan construction draws air evenly over all four CELdek® pads. This delivers enhanced efficiency, low maintenance and measurable savings in running costs.

The in-built water management system also ensures that a minimum amount of water is used in providing optimal levels of cooling performance.

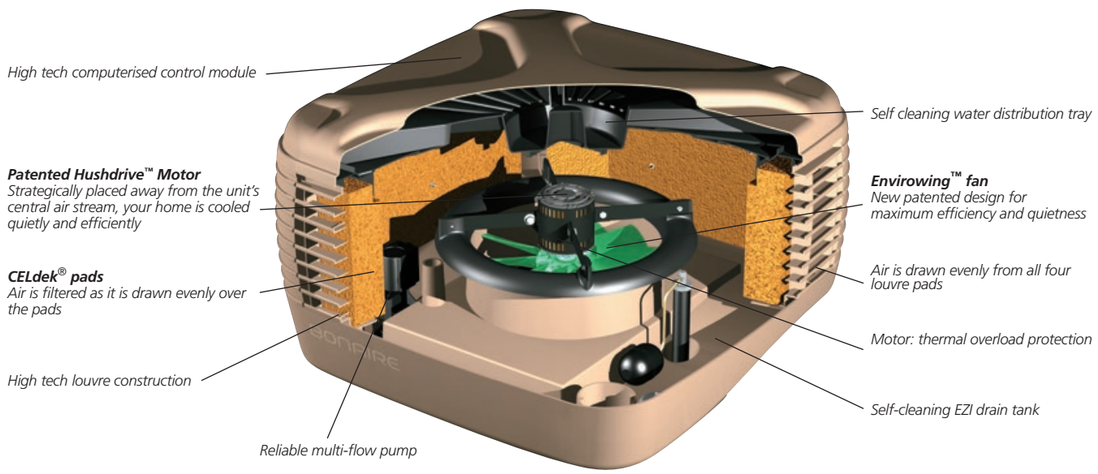
Structural strength
Bonaire units have a high strength, injection-moulded polymer cabinet. So unlike other competitors' units that may sag or warp, they are strong enough to withstand Australia's harsh weather conditions and are UV stabilised to ensure sun protection, year after year.

Hushdrive™ motor technology
The patented quiet winding motor design means you can barely hear the unit when it's running.

Envirowing™ Fan
The Envirowing™ Fan is a one piece injection-moulded fan, designed for maximum efficiency and optimum performance. The result is more cool air delivered into your home. It is extremely quiet.

Smart stylish design
Bonaire's sleek low profile design sits snugly on your rooftop and comes in a range of stylish colours. This clever design holds less water than conventional flat-based units.

Bonaire Coolstart
With Bonaire's Pre-Cool System, your home will be cool from the start. You'll feel only cool, fresh air when you turn on your air conditioner – as opposed to some competitors' units that blow hot air for up to 5 minutes.


High tech computerised control module
Patented Hushdrive™ Motor
Strategically placed away from the unit's central air stream, your home is cooled quietly and efficiently
CELdek® pads
Air is filtered as it is drawn evenly over the pads
High tech louvre construction
Reliable multi-flow pump
Self cleaning water distribution tray
Envirowing™ fan
New patented design for maximum efficiency and quietness
Air is drawn evenly from all four louvre pads
Motor: thermal overload protection
Self-cleaning EZI drain tank

The Premium Bonaire Integra

The Bonaire Integra is Australia's premium Evaporative Air Conditioner and is designed to cool your whole home quietly and efficiently. The Integra comes with your choice of either a remote or a wall mounted Navigator controller, is available in a range of sizes and colours to suit your needs, and comes with a 6 year warranty.*

Bonaire Integra features
The Bonaire Integra is designed to keep you and your family cool throughout those hot summer months. Its long list of features include:

- More cost-effective to install and run than comparable ducted refrigerated units
- Save on your energy bills
- Save on installation costs
- Envirowing™ fan maximises efficiency
- Hushdrive™ motor technology for whisper quiet operation
- Strength to withstand the most extreme weather conditions
- Low maintenance with measurable savings in running costs
- Bonaire Aquamiser™ Water Conservation System standard
- High strength injection-moulded polymer cabinet which keeps looking new, year after year
- Sleek, low-profile design fits snugly on your roof
- Circulates only fresh, clean, naturally cooled air throughout your home
- Enviroseal Duct Shutter accessory standard
- 6 year warranty: 3 year plus 3 year extended parts and labour warranty*
- Choice of remote or hard-wired Navigator Controller† (Refer to page 11)
- A range of popular roof colours

Colours

Terracotta Red

Green

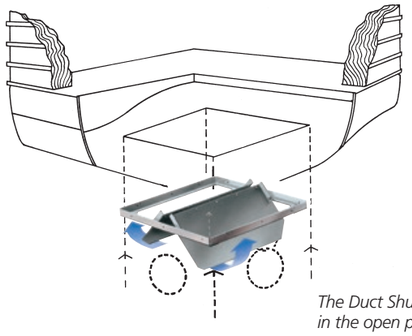
Charcoal

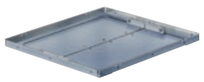
Beige

Chocolate (made to order)

† Purchased separately.

The Weatherseal Duct Shutter
The Bonaire Integra comes standard with an Enviroseal Duct Shutter. During winter when the unit is not in use, Bonaire's Enviroseal keeps warm air in and drafts out. Its fully automatic and fits into the duct of your evaporative air conditioning system.


The Duct Shutter in the open position


The Duct Shutter in the closed position

Warranty
The Bonaire Integra now comes with a 6 year warranty. Bonaire offers a 3 year parts and labour warranty and, for added peace of mind, a 3 year extended parts and labour domestic warranty* on all Bonaire Integra coolers. Both the cabinet and parts are also covered by extensive warranties.

Note: Domestic warranty only. Unit warranty for commercial applications is one year parts and labour.
*Subject to a maintenance service call in the third year of the 3 year parts and labour warranty period, extended warranty excludes CELdek® pads. For further information on warranty terms and conditions please refer to Bonaire's warranty information booklet.

The next generation Summer Breeze

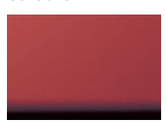
The Bonaire Summer Breeze will cool your whole home quietly and efficiently, and is extremely economical to install and run. Little wonder it's Australia's most popular evaporative unit. The new Summer Breeze is designed with a sloping base to sit low on your roof, and comes in a range of sizes and colours to suit your needs.

All-new Bonaire Summer Breeze features

The new Summer Breeze range delivers cool, fresh air to every room with just the touch of a button. Carefully designed to maximise energy use, the Summer Breeze will help you save on running costs. Just look at the benefits it offers to outperform its competition:

- Australia's most popular evaporative cooler
- More cost-effective to install and run than comparable ducted refrigerated units
- Save on your energy bills
- Save on installation costs
- Envirowing™ fan maximises efficiency
- Hushdrive™ motor technology for whisper quiet operation
- Strength to withstand the most extreme weather conditions
- A high strength injection-moulded polymer cabinet which keeps looking new, year after year
- Low noise and efficient direct drive cooling fan
- Sleek, low profile design fits snugly on your roof
- Bonaire Aquamiser™ Water Conservation System standard
- Circulates only fresh, clean, naturally-cooled air throughout your home
- 5 year warranty: 3 year plus 2 year extended parts and labour warranty*
- 4 size options to cool any sized home
- Choice of remote or hard-wired Navigator controllers and slimline digital† (refer to page 11)
- Choice of Bonaire Enviroseal†
- A range of popular roof colours

Colours

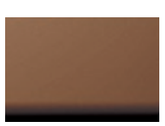


Terracotta Red

Green

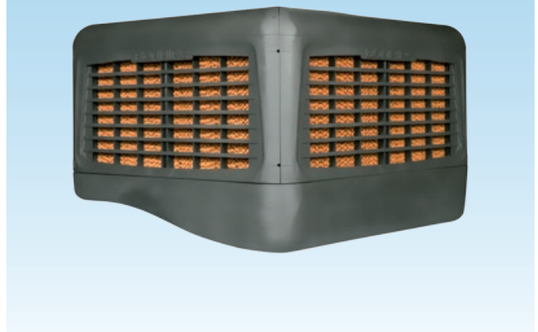
Charcoal

Beige



Chocolate (made to order)

†Purchased separately.



Warranty

The Bonaire Summer Breeze now comes with a 5 year warranty. Bonaire offers a 3 year parts and labour warranty and, for added peace of mind, a 2 year extended parts and labour domestic warranty* on all Bonaire Summer Breeze coolers. Both the cabinet and parts are also covered by extensive warranties.

Note: Domestic warranty only. Unit warranty for commercial applications is one year parts and labour.
*Subject to a maintenance service call in the third year of the 3 year parts and labour warranty period, extended warranty excludes CELdek® pads. For further information on warranty terms and conditions please refer to Bonaire's warranty information booklet.

A choice of controllers

Putting you in complete control of the climate in your home, you can choose from one of the new Navigator controller series – either a remote or wall mounted controller that are both programmable to your family's needs and the type of home you have.

Remote control

If you are after the very latest in controls and technology, the Navigator wireless radio frequency control is for you. This controller allows you to change settings without leaving the comfort of your armchair.

- Wireless radio frequency
- Multiple controller option – up to 4 controllers
- Able to operate from room to room
- Thermostat comfort sensing from any room with an outlet
- Large, clear and easy-to-read backlit LCD display
- Intuitive operation
- Customised operational settings
- Diagnostics and error reporting
- Optional controlling of multiple appliances
- Easy to operate in 4 selectable operating modes
- 24 hour programmable start and stop times
- Compatible with Bonaire 4 and 5 Star Gas Central Heating and Bonaire Dual Cycle
  NB: Blue screen for cooling, orange for heating
- Not available with Bonaire Ducted Reverse Cycle Refrigerated Air Conditioning

Wall Mounted Navigator Controller

The wall mounted Navigator Controller has all of the features of the wireless, but is fixed in the living areas of your home. It will maintain temperatures and operation and allow all setting changes from a fixed location.

- Large, clear and easy-to-read backlit LCD display
- Intuitive operation
- Customised operational settings
- Diagnostics and error reporting
- Optional controlling of multiple appliances
- Easy to operate in 4 selectable operating modes
- 24 hour programmable start and stop times
- Compatible with Bonaire 3, 4 and 5 star Gas Central Heating and Dual Cycle
- Multiple control option – 1 wall mounted and up to 3 Navigator Remote Controls
- Not available with Bonaire Ducted Reverse Cycle Refrigerated Air Conditioning

Slimline Digital Controller

- Easy to operate and simple timer operation
- Small, compact and slimline
- Option to control multiple Bonaire appliances
- Clear and easy-to-read LCD display
- Compatible with Bonaire's Summer Breeze Evaporative Coolers and 3 star ducted heating
- Not available with ducted refrigerated or dual cycle models

Note: The controllers depicted above cannot be used with the Bonaire Inverter Reverse Cycle Air Conditioner

Bonaire Inverter Reverse Cycle Air Conditioning^. The ultimate in climate control

The Bonaire Inverter Ducted Reverse Cycle Air Conditioning System has been designed so that you and your family can relax in complete comfort. Ducted reverse cycle air conditioning uses an outdoor compressor and indoor fan coil to cool the air. This allows maximum cooling performance as well as accurate temperature control, even on extremely hot, humid days.

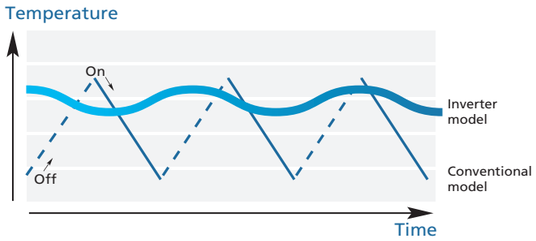
BI12OD *BI12ID*
12.0kW Inverter Single Phase

BI14OD *BI14ID*
14.0kW Inverter Single Phase

BI18OD *BI18ID*
18.0kW Inverter Three Phase

Inverter technology

Bonaire Inverter Ducted Reverse Cycle Systems use Inverter Technology which accurately matches your cooling or heating requirements to give you energy efficiency. Conventional fixed-speed units operate at 100%, delivering a fixed volume of heating or cooling. Effectively they operate on a stop/start system. Bonaire's advanced inverter technology increases or decreases the power depending on the conditions. Compressors will vary their capacity to maintain a consistent temperature.



The Bonaire Inverter Reverse Cycle Air Conditioning System consists of an outdoor unit conveniently located outside your home and an indoor unit concealed out of sight. They are connected to an insulated duct system which distributes the conditioned air through your home via small floor or ceiling registers. So, no matter what your style of home, your Bonaire Inverter Air Conditioner will hardly be seen or noticed.

To ensure that the correct unit is installed in your home, we have developed Bonres®, Bonaire's unique sizing system. The Bonres® Computerised Unit Selection System takes into account wall construction, insulation, glass area, room sizes and the climatic conditions of the area in which you live, to select and design the right Bonaire system for you and your family.

Talk to your dealer about matching your cooling needs with Bonaire's Zoning Control Accessory Kits. This system offers you the flexibility to control cooling in up to 8 living zones so you can choose between cooling the kitchen, dining and family rooms, bedrooms or the study to suit your lifestyle requirements. Please see your Bonaire Specialised Dealer to discuss your lifestyle requirements.

Warranty

Every Bonaire Inverter Ducted Reverse Cycle Air Conditioner is manufactured to stringent quality standards and backed by a five year residential and two year commercial, parts and labour warranty, fully supported by Bonaire's National Service Division. It's real peace of mind as you and your family enjoy the ultimate in home climate control.

PARTS & LABOUR 5 YEAR WARRANTY

^Bonaire Inverter Reverse Cycle Air Conditioning Systems are only available in Victoria.

Bonaire Inverter Reverse Cycle Air Conditioning - Features

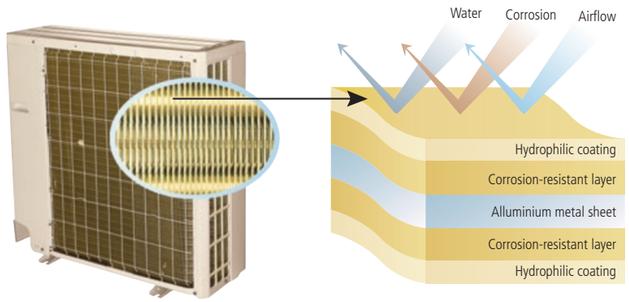
- Inverter technology
- Built to Australian standards
- Internal noise insulation for quiet performance
- State-of-the-art compressors and electronically controlled variable speed outdoor fans to ensure optimum performance at maximum output
- Powder coated cabinet to with-stand harsh Australian conditions
- Refrigeration coils are manufactured with a hydrophilic polymer anti-corrosion coating
- Installed to Bonaire's Bonres® Computerised Unit Selection System (ask your Authorised Bonaire Dealer)
- Use an indoor fan coil unit, especially designed for Australian homes and conditions
- Auto restart, to restart units in the event of a power failure
- Auto changeover allows one temperature to be set which runs the unit in heating or cooling mode and maintains comfort
- Available in 12kW,14kW and 18kW models. 12kW and 14kW models come in single phase power supply, saving on installation costs. 18kW model comes in three phase power supply
- 18kW three phase model has a top air discharge on the outdoor condenser unit that is designed for tight installations outside the home
- Programmable wall controller and IR remote control included with your unit
- Five year residential and two year commercial, parts and labour warranty

Programmable wall controller

IR remote controller

NB: These controllers are included and are only available for Bonaire Inverter Reverse Cycle Air Conditioning Systems

Fin material cross section view



All Bonaire outdoor units are manufactured with an anti-corrosion material for long lasting reliability.

Bonaire Inverter High Wall Split System Air Conditioning

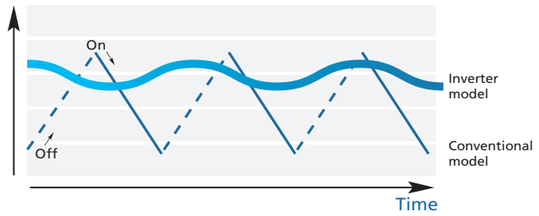
The Bonaire range of inverter high wall split systems have clever features coupled with a stylish design to complement today's modern homes.

7.0kW Indoor Unit.
Picture shown may vary slightly from actual model.

Good looks
At Bonaire we understand that the appearance of your unit is important and the Bonaire Wall Mounted Unit will blend unobtrusively into today's homes. It also has functional appeal as the panel can be simply wiped clean.

Inverter technology
Bonaire Inverter technology accurately matches your cooling or heating requirements to give you energy efficiency. Conventional fixed speed units operate at 100% delivering a fixed volume of heating or cooling. They effectively operate on a stop/start system. Bonaire's advanced inverter technology increases or decreases the power depending on the conditions. Bonaire's compressors will vary their capacity to maintain a consistent temperature.

Temperature



High energy efficiency
Inverter air conditioners are smoother in operation, more economical, quieter and deliver higher efficiency compared to conventional systems.

3.5 and 5.2kW Indoor Unit
Picture shown may vary slightly from actual model.

More economical
Because an Inverter will increase or decrease power to the compressor and fans depending on the requirement, this means they can operate more economically than traditional fixed speed units.

Comfort levels
When the Bonaire Inverter Air Conditioner is switched on in either heating or cooling mode it will automatically operate at high speed to ensure your desired temperature is achieved quickly. It will then adjust the fan speed to maintain the desired room temperature.

Low noise level
The Bonaire Inverter operates so quietly you will hardly notice it. It can also operate in low noise sleep function where the unit will automatically adjust the temperature to make the room more comfortable while you sleep.

Air filters
Easily removable and washable air filters enable you to wash out dust and other air-borne particles.

Intelligent digital dehumidification
Controls the comfort level of the humidity in the air for a more comfortable room temperature.

Remote controls
The remote control makes it easy to operate the system. The LCD display on the remote and the LED display on the unit allow you to view the current settings.

External Condenser Unit

Simple programming
Simple programming functions allow you to easily program functions like 'time till on' and 'time till off'.

Fan only mode
This setting runs the fan only, which is ideal for Autumn and Spring, providing air movement within the room.

'I feel' mode
Allows you to preset an automatic temperature and fan speed to optimise comfort based on outside ambient temperatures.

The right advice
If your unit is too small you can end up with reduced comfort levels, if it's too big you could have a large electricity bill. Bonaire dealers are specialists in heating and cooling and will ensure the unit is correctly sized for your requirements. Our dealers are also installers and will give you a price covering all the installation requirements.

Service support
Bonaire Inverter Air Conditioners are fully backed up by Bonaire's integrated service department giving you total peace of mind.

Warranty
The Bonaire Inverter High Wall Split System is supported with a five year domestic parts and labour warranty.

PARTS & LABOUR 5 YEAR WARRANTY* DOMESTIC ONLY

Bonaire Inverter Dual Cycle Refrigerated Air Conditioning^

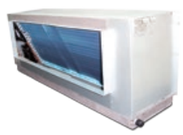
The ultimate in home heating and cooling, all year round. When you couple a Bonaire Ducted Gas Heating unit with a Bonaire Inverter Ducted Refrigerative unit, your complete Bonaire Inverter Dual Cycle System delivers warm and cool air effortlessly through the same concealed duct work.

At Bonaire, we recommend matching only Bonaire gas central heating with Bonaire Inverter Refrigerated Air Conditioning. The end result is Australia's ultimate dual cycle system.*

With thermostatic temperature control all year round, you'll enjoy the ultimate in climate control for your family, even during sustained periods of hot and humid weather, or freezing cold weather.

Outdoor refrigerated unit dual cycle system (12 & 14kW unit shown)

Outdoor refrigerated unit dual cycle system (18kW unit shown)



Indoor refrigerated unit dual cycle unit (18kW unit shown)

Ultimate features and benefits

Bonaire Inverter Dual Cycle Systems* have been designed to deliver efficient and reliable performance all year round. Some of the benefits of installing a Bonaire Inverter Dual Cycle System with a Bonaire Ducted Gas Heater are:

- The entire system's operation, programming and zoning selection can be controlled by one controller
- Uncompromised constant heating performance regardless of how cold it is outside
- Inverter air conditioning technology for efficiency and economical operation
- Fully combined heating and cooling comfort via a single ducting system – specifically designed for a Bonaire Inverter Dual Cycle System
- Zone control standard†. Heat or cool only the rooms you want
- Integrated zoning control† on all 4 and 5 star ducted gas central heating units
- Installed to Bonaire's Bonres® Computerised Unit Selection System** (Ask your Authorised Bonaire Dealer)
- Engineered for Australian conditions
- Only compatible with Bonaire MB4 or MB5 Gas Ducted Heating units
- Choice of state-of-the-art Navigator controllers

Warranty

Every Bonaire Inverter Dual Cycle System is manufactured to stringent quality standards backed by a five year residential and two year commercial, parts and labour warranty*** and Bonaire's fully trained National Service Division. It's real peace of mind as you and your family enjoy the ultimate heating and cooling solution for your home.

PARTS & LABOUR 5 YEAR WARRANTY — *Heating*

COMPRESSOR 5 YEAR WARRANTY — *Cooling*

Bonaire Inverter Dual Cycle Matching Chart

	MB4 4 Star	MB5 5 Star
BI 12	20kW XA, 30kW	21kW XA, 30kW
BI 14	20kW XA, 30kW, 30kW XA	21kW XA, 30kW, 30kW XA, 35 kW
BI 18	30kW XA	30kW XA, 35kW

^ Bonaire Inverter Dual Cycle Systems are not available for sale in Queensland and South Australia.

† Individual zone motors supplied by installer at additional costs.

** Bonaire Inverter Dual Cycle Systems are only for sale and installation with matched Bonaire ducted gas heating units.*

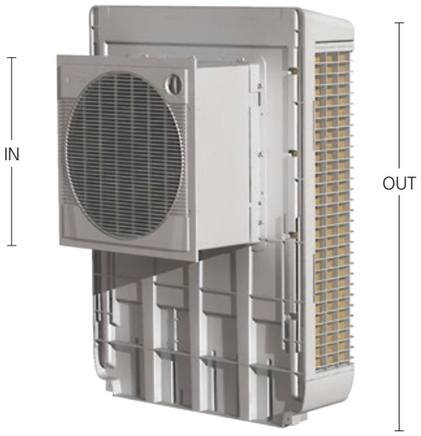
*** Invalid if not sized strictly in accordance with Bonres® specifications. Installation and commissioning to manufacturer's and industry standards and state regulatory law is the responsibility of the installer.*

**** The Bonaire Inverter Dual Cycle warranty does not apply to the ducted gas heating unit. All Bonaire ducted gas heating units carry their own warranty program and conditions. Please refer to your dealer or product information for more details.*

Bonaire Durango Evaporative Window Air Conditioner

The Bonaire Durango is designed to easily cool today's open plan homes with areas up to 75 square metres.* It's quiet, environmentally friendly and, best of all, very economical to run. It can be easily installed into most windows and with its neutral colour, the Bonaire Durango blends in no matter what the environment.

Pictures may not depict latest model



Features

- Costs less than 25 cents per day to run#
- Cools an area up to 75 square metres*
- Easy to install
- 250mm deep low profile cabinet does not obstruct exterior area
- Powerful three speed fan motor
- Direct drive fan for higher efficiency
- Transition duct supports the unit without any need for additional structural support
- UV stabilised polymer cabinet will never rust
- Uses standard electrical and plumbing connections
- The cool and ventilation mode allows the choice of water flow cooling or just fan operation

Warranty

The Bonaire Durango is supported with a two year domestic parts and labour warranty.

PARTS & LABOUR 2 YEAR WARRANTY

Product Specification

Air flow	4,500 m^3/hr		
Window section	H 550mm	W 550mm	D 260mm
External cabinet	H 1170mm	W 850mm	D 250mm
External cabinet clearance (TOP)	100mm		
Weight	40kg		
Electrical	240 Volts	1 Phase	50 Hz
Fan speeds	3		

**Depending on geographic location, unit position, room heat gain, and 2.4m ceiling height @ 25 air changes per hour.*
#Based on 8 hours of running @ 14 cents per kW/h.

Specifications

BONAIRE INTEGRA EVAPORATIVE AIR CONDITIONING

Model		VSS50	VSS55	VSM60	VSM65	VSL70	VSL75
Height (mm)	Front	683	683	790	790	1047	1047
	Back	573	573	681	681	937	937
Width (mm)		1184	1184	1192	1192	1192	1192
Weight (kg)		61	61	65	65	80	80
Duct work (mm)		550 x 550	550 x 550	550 x 550	550 x 550	800 x 550	800 x 550
Water Conservation System®		Standard	Standard	Standard	Standard	Standard	Standard

BONAIRE SUMMER BREEZE EVAPORATIVE AIR CONDITIONING

Model		BSB500	BSB600	BSB750	BSB850
Height (mm)	Front	790	790	990	990
	Back	680	680	880	880
Width (mm)		1100	1100	1100	1100
Weight (kg)		63	63	71	71
Duct work (mm)		550 x 550	550 x 550	550 x 550	800 x 550
Water Conservation System®		Standard	Standard	Standard	Standard

Unit sizing

All Evaporative Air Conditioners vary in performance according to the architectural features of a home and different climatic conditions in Australia. Bonaire recommends using the Bonres® Unit Selection Guide as the only reliable method of determining the cooling capacity of a Bonaire unit in your home.

BONAIRE INVERTER HIGH WALL SPLIT AIR CONDITIONING

Model Number		BH35	BH52	BH70
Model indoor		BHWSI35	BHWSI52	BHWSI70
Indoor part number		6700061	6700071	6700081
Model outdoor		BHWSO35	BHWSO52	BHWSO70
Outdoor part number		6700060	6700070	6700080
Type		Reverse Cycle Inverter	Reverse Cycle Inverter	Reverse Cycle Inverter
Control type		Remote	Remote	Remote
Rated cooling capacity	kW	3.2	5.0	7.0
Rated cooling capacity range	kW	1.0 ~ 4.2	1.8 ~ 5.7	2.5 ~ 7.5
Rated heating capacity	kW	3.3	5.2	7.5
Rated heating capacity range	kW	1.1 ~ 4.5	1.8 ~ 6.5	2.5 ~ 8.2
AEER (cooling)		3.76	3.29	3.38
Star rating cooling		3.0	2.0	2.26
ACOP (heating)		3.75	3.29	3.28
Star rating for heating		3.0	2.0	2.05
Moisture removal	l/Hr	1.0	2.0	2.5
Indoor sound pressure level at 1 MTR (high speed)	dB(A)	42.0	42.0	54
Outdoor sound pressure level at 1 MTR	dB(A)	55	56	58
Outdoor operating temperature range	Cooling	21°C ~ 43°C	21°C ~ 43°C	21°C ~ 43°C
	Heating	-5°C ~ 24°C	-5°C ~ 24°C	-5°C ~ 24°C
Electrical Data				
Power supply		220 ~ 240VAC /50/1P	220 ~ 240VAC /50/1P	220 ~ 240VAC /50/1P
Rated current (Amps)	Cooling	3.8	6.7	9.3
	Heating	3.9	6.9	9.8
Rated input (Watts)	Cooling	840	1480	2100
	Heating	860	1540	2200
Refrigerant System				
Refrigerant type		R410A	R410A	R410A
Compressor type		Rotary	Rotary	Rotary
Evaporator coil		3 bend	3 bend	3 bend
Condenser coil		Double arranged	Double arranged	Double arranged
Fan system				
Indoor air circulation	l/s	208/200	292/292	403/431
Indoor fan motor output	Watts	23	23	35
Outdoor fan motor output	Watts	31	68	65
Connections				
Connecting pipe - gas	Inches	1/2	1/2	5/8
Connecting pipe max length	Metres	15	15	15
Connecting pipe - liquid	Inches	1/4	1/4	3/8
Connecting pipe max length	Metres	15	15	15
Other				
Suitable area	M^2	15~23	25~40	30~50
Indoor dimensions (WxHxD)	mm	898 x 280 x 202	898 x 280 x 202	1240 x 325 x 250
Outdoor dimensions (WxHxD)	mm	760 x 552 x 256	820 x 605 x 300	902 x 650 x 307
Packaging dimensions indoor (WxHxD)	mm	995 x 365 x 298	995 x 365 x 298	1317 x 422 x 338
Packaging dimensions outdoor (WxHxD)	mm	863 x 598 x 376	965 x 650 x 438	1031 x 925 x 447
Gross weight indoor	Kg	14	14	25
Gross weight outdoor	Kg	38	46	62
Warranty – domestic		5 year parts and labour	5 year parts and labour	5 year parts and labour

**All units tested to T1 parameters*

BONAIRE INVERTER REVERSE CYCLE DUCTED REFRIGERATIVE AIR CONDITIONING

Model		Indoor Outdoor	BI 12	BI 14	BI 18
Models					
Outdoor condenser unit			6650023	6650033	6650040
Reverse cycle indoor fan coil unit			6650024	6650034	6650041
Capacity					
Rated capacity 100%	Cooling	kW	12	14	18
	Heating	kW	13.5	15	18.5
Power input 100%	Cooling	kW	3.8	4.6	6.08
	Heating	kW	3.97	4.4	5.35
Performance					
Rated system air flow		l/s @ High speed	722	833	1028
Rates system static pressure		Pa	50 ~ 180	50 ~ 180	50 ~ 180
Outdoor sound pressure		dB(A) @ 1 Mtr	63	63	68
Rated eer (cooling) 100%/70% part load			2.9 / 3.28	3.06 / 3.87	2.77
Rated cop (heating)			3.57	3.5	3.35
Rated aeer (cooling) 100%/70% part load			2.91 / 3.24	3.04 / 3.82	2.75
Rated acop (heating)			3.54	3.5	3.31
Star rating (cooling)			1.44*	1.6	1*
Star rating (heating)			2.6*	2.5	2.1*
Outdoor unit operating range cooling		Degrees C	5 ~ 48	5 ~ 48	5~48
Outdoor unit operating range heating		Degrees C	(-10) ~ 28	(-10) ~ 28	(-10) ~ 28
Suitable area		M^2 @ 2.4 M Ceiling	36 ~ 60	56 ~ 93	64 ~ 110
Electrical					
Power supply		Voltage /Phase	240/1	240/1	415/3
Running current cooling		Amp	17.5	19.4	16.8
Running current heating			17.9	19.4	15.4
Full load amps		Amp	38	38	18.3
Voltage range (condenser unit)			220 ~ 240	220 ~ 240	342 ~ 418
Dimensions					
Outdoor unit		W x H x D	950 x 1270 x 340	950 x 1270 x 340	940 x 1620 x 820
Outdoor unit packaging dimensions		W x H x D	1135 x 1645 x 440	1135 x 1645 x 440	1000 x 1780 x 850
Indoor unit		W x H x D	1200 x 380 x 590	1500 x 380 x 590	1470 x 500 x 825
Indoor unit packaging dimensions		W x H x D	1410 x 445 x 695	1710 x 445 x 695	1588 x 650 x 930
Gross weight outdoor unit		Kg	143	145	273
Gross weight indoor unit		Kg	57	65	113
Refrigeration system					
Compressor system			Inverter	Inverter	Dual- Fixed & Inverter
Refrigerant		Type	R410A	R410A	R410A
Pre charge pipe length		Mts	5	5	5
Pre charge quantity		kg	4	4	8.8
Additional charge		Grams/Mtr	54	54	110
Pipe size (liquid)		mm (")	9.53 (3/8")	9.53 (3/8")	12.7 (1/2")
Pipe size (suction)		mm (")	19.05 (3/4")	19.05 (3/4")	22.0 (7/8")
Pipe length (maximum)		Mts	25	25	35
General information					
Outdoor unit colour			Cream	Cream	Cream
Outdoor unit paint finish			Powder Coated	Powder Coated	Powder Coated
Outdoor fan grill material			UV Stabilised Polypropylene	UV Stabilised Polypropylene	UV Stabilised Polypropylene
Features					
7 Day programmable control			✔	✔	✔
Infra red remote control			✔	✔	✔
Auto changeover cooling to heating			✔	✔	✔
Dual compressors			✔	✔	✔
Optional compatible zone system			✔	✔	✔

The full technical data chart should be consulted for more technical detail. This product must be installed by a qualified licensed installer.
**2012 units have 8 zones built into indoor unit (BI 12 & BI 14 only)*

BONAIRE DUAL CYCLE SYSTEM MATCHING CHART

	BI 12	BI 14	BI 18
MB4 4 Star	20kW XA, 30kW	20kW XA, 30kW, 30kW XA	30kW XA
MB5 5 Star	21kW XA, 30kW	21kW XA, 30kW, 30kW XA, 35 kW	30kW XA, 35kW

Your nearest Bonaire stockist is:-

For further information please phone:

VIC/ACT/NSW/QLD (03) 8795 2424

WA (08) 9454 1010

SA (08) 8307 5300

www.bonaire.com.au

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The leaders in heating and cooling

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In the interest of continued product improvement, Bonaire reserves the right to alter specifications without notice E & OE.
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For further information on warranty terms and conditions please refer to Bonaire's warranty information booklet. Domestic warranty only.
Unit warranty for commercial applications varies depending on model.

BON702 October 2012